



Susan/SF

BP Products North America Inc.
2815 Indianapolis Blvd.
P.O. Box 710
Whiting, IN 46394-0710
USA

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

May 20, 2014

Ms. Susan Hedman
Regional Administrator
Ralph Metcalfe Federal Building
77 West Jackson Blvd.
Chicago, IL 60604

RE: Submittal of Information to Regional Administrator for Qualified Discharge
BP Products North America, Inc. - Whiting Business Unit

Dear Ms. Hedman:

This letter serves to notify you that the BP Products North America Inc. Whiting Business Unit experienced a reportable spill as referenced in 40 CFR Part 112.1(b) of 1,000 gallons or more. The quantity of material released has been estimated as 15-39 barrels. Because the high range of the estimate is over 1000 gallons, BP is submitting this notification.

This information is being submitted in accordance with 40 CFR Part 112.4(c). If you require additional information regarding the release, please contact me at (219) 473-3287.

Sincerely,

Linda Wilson
Environmental Manager

Attachments

RECEIVED
MAY 22 2014
OFFICE OF REGIONAL ADMINISTRATOR

§112.4 Submittal of Information to Regional Administrator for Qualified Discharge(s)

In the event of a reportable discharge or discharges, this page can be utilized to provide official notification to the Regional Administrator. If the Facility has had a discharge or discharges, which meet one of the following two criteria, then this report must be submitted to the Regional Administrator within 60 days. (Check as appropriate)

- ☒ This Facility has experienced a reportable spill as referenced in 40 CFR Part 112.1(b) of 1,000 gallons or more¹.
- ☐ This Facility has experienced two (2) reportable spills (as referenced in 40 CFR Part 112.1(b) of greater than 42 gallons each within a 12-month period.

112.4(a)(1) & (3) Facility Name and Location:

BP Products North America, Inc., Whiting Business Unit (WBU).

112.4(a)(2) Facility Contact Person (Name, address/phone number):

Linda Wilson, WBU Environmental Manager, 2815 Indianapolis Blvd, Whiting, Indiana 46394.
Phone No: 219-473-3287.

112.4(a)(4) Facility maximum storage or handling capacity:

Maximum storage capacity is 16,051,480 barrels.

112.4(a)(4) Facility normal daily throughput:

The facility can process up to 420,000 barrels of crude oil per day.

112.4(a)(5) Describe the corrective action and countermeasures taken (include description of equipment repairs and replacement:

BP promptly began response efforts and notified all appropriate government agencies, including the police and fire department, US Coast Guard, the U.S. EPA, and the Indiana Department of Environmental Management. BP worked closely and cooperatively with the EPA and Coast Guard to carry out an effective response. Boom was deployed at the outfall of #6 Separator in a horseshoe shape. The cove area was subsequently boomed. Vacuum trucks removed oily water from 6 Separator and the lake. Response teams cleaned up oil that reached the shore. The temporary water line that was connected between 12 Pipestill ("12PS") and the facility's "once through cooling water" ("OTCW") system was completely removed.

Following an assessment that occurred on March 30, 2014 in which a USCG/EPA/BP assessment team took more than 36 underwater probes, the USCG announced that the teams found no evidence of submerged oil in the lake. Shoreline assessment teams with members from BP, USCG, and EPA conducted multiple surveys following the discharge. Most recently, on April 4, 2014 an assessment team did a visual inspection and found no remaining oil on the lake or the beach, and concluded that no additional response activities were needed. BP continues to do periodic walkthroughs and then the USCG and EPA will return for a joint walkthrough in the summer. There is ongoing monitoring of oil at the #6 Separator. There is a horseshoe boom around Outfall 002 but no residual oil is entering the lake.

¹ The quantity of material released has been estimated as 15-39 barrels. Because the high range of the estimate is over 1000 gallons, BP is submitting this notification.

112.4(a)(6) Describe the Facility (maps, flow diagrams and topographical maps attached as necessary):

The Facility is located on approximately 1,400 acres in Whiting, East Chicago, and Hammond, Indiana, near the southern tip of Lake Michigan. The Facility employs approximately 1,850 people and produces a variety of products, including gasoline of all grades, diesel fuel, heating fuel, jet fuel, asphalt, and coke. See attached: Appendix A.

112.4(a)(7) Describe the cause of discharge (as referenced in 40 CFR Part 112.1(b)) including failure analysis of the system:

During an upset at the desalters at 12PS, one or both check valves failed on a temporary water line connected between 12PS and the facility's OTCW system allowing brine water mixed with crude oil to back flow into the OTCW system. This oily water went from the OTCW system to an on-site oil/water separator known as "6 Separator," where it was first detected. The oily water exceeded the treatment capacity of 6 Separator leading to a discharge of 15-39bbls of crude oil from 6 Separator to Lake Michigan through outfall 002.

112.4(a)(8) Describe the preventative measures taken, or contemplated to be taken, to minimize the possibility of recurrence:

The temporary water line that was connected between 12PS and the facility's OTCW system was completely removed. All other connection points between 12PS and the OTCW system are being evaluated to confirm that adequate backflow protection is in place. Technical improvements to the desalters on 12PS have been completed to minimize system upsets. Improvements to the heat exchangers on 12PS are in progress to improve operations and reduce the need for additional cooling water. Investigation continues as to other effective preventative measures to minimize the possibility of recurrence.

112.4(a)(9) Other pertinent information:

There is no other pertinent information.

